

Formation of Fast Neutron Spectra in Certain
Shielding Materials, by Yu. A. Yegorov,
Yu. V. Orlov, 8 pp.
RUSSIAN, per. Voprosy Fiziki Zashchity Reaktorov,
Moscow, No 4, 1969, pp 50-55.
JPRS 51083

Sci-Jtys
Aug 70

Shielding Properties of Metallic Lithium, by
V. K. Daruga, S. F. Degtyarov, 10 pp.
RUSSIAN, per. Voprosy Fiziki Zashchity Reaktorov.
Moscow, No 4, 1969, pp 56-63.
JPRS 51083

Sci-Phys
Aug 70

On Measuring the Neutron Spectrum Over a Wide
Energy Range, by A. L. Barinov, Yu. V. Orlov,
11 pp.
RUSSIAN, per, Voprosy Fiziki Zashchity Reaktorov,
Moscow, No 4, 1969, pp 64-70.
JPRS 51083

Sci-Phys
Aug 70

Buildup of Moderating Neutrons in Homogeneous
Media, by Yu. A. Yegorov, 11 pp.
RUSSIAN, per, Voprosy Fiziki Zashchity Reaktorov,
Moscow, No 4, 1969, pp 71-78.
JPRS 51083

SI-phys
Aug 70

Measurement of Neutron Buildup Dose Factors,
by A. P. Veselkin, M. Ye. Netecha, 7 pp.
RUSSIAN, per, Voprosy Fiziki Zashchity Reaktorov,
Moscow, No 4, 1969, pp 79-84.
JPRS 51083

Sci-Phys
Aug 70

Energy Distribution of Epithermal Neutron Fluxes
in Steel-3, Stainless Steel and Titanium, by
V. N. Avayev, Yu. A. Yegorov, 5 pp.
RUSSIAN, per. Voprosy Fiziki Zashchity Reaktorov,
Moscow, No 4, 1969, pp 85-88.
JPRS 51083

Sci-Phys
Aug 70

Finding Optimal Shielding Versions by the Ravine
Method, by T. A. Germogonova, Yu. G. Fedorov, 7 pp.
RUSSIAN, per. Voprosy Fiziki Zashchity Reaktorov.
Moscow, No 4, 1969, pp 89-93.
JPRS 51083

Sci.-Phys
Aug 70

Passage of Radiation Through Heterogeneities in
a Shield, by D. L. Broder, V. N. Mironov, 21 pp.
RUSSIAN, per. Voprosy Fiziki Zashchity Reaktorov,
Moscow, No 4, 1969, pp 94-110.
JPRS 51083

Sol-Phys
Aug 70

Passage of Ionizing Radiation Through Hetero-
geneities in a Shield, by V. P. Mashkovich,
B. I. Sinitayn, 25 pp.
RUSSIAN, per, Voprosy Fiziki Zashchity Reaktorov,
Moscow, No 4, 1969, pp 111-129.
JPRS 51083

Sci-Phys
Aug 70

Consideration of Back Scattered Radiation in the
Passage of Neutron and Gamma Radiation Through
Heterogeneities in a Shield, by V. A. Klimanov,
V. P. Mashkovich, 10 pp.

RUSSIAN, per. Voprosy Fiziki Zashchity Reaktorov,
Moscow, No 4, 1969, pp 147-154.

JPRS 51083

Sci-Phys
Aug 70

Passage of Fast Neutrons and Gamma Radiation
Through a Shield with Complex Heterogeneities,
by D. L. Broder, S.A. Koslovskiy, 8 pp.
RUSSIAN, per, Voprosy Fiziki Zashchity Reaktorov,
Moscow, No 4, 1969, pp 155-160.
JPRES 51083

Sci-Phys
Aug 70

Passage of Gamma Radiation and Fast Neutrons
Through Channels and Slits with a Filler in the
Shield, by D. L. Broder, S. A. Kozlovskiy, 11 pp.
RUSSIAN, per, Voprosy Fiziki Zashchity Reaktorov,
Moscow, No 4, 1969, pp 161-168.
JPRS 51083

Sci-Phys
Aug 70

Angular Distribution of Scattered Gamma Ray
Intensity at the Boundary of a Shielding Medium,
by V. P. Mashkovich, A. A. Viktorov, 6 pp.
RUSSIAN, per. Voprosy Fiziki Zashchity Reaktorov,
Moscow, No 4, 1969, pp 171-174.
JPRS 51083

Sci-Phys
Aug 70

Toward a Calculation of Inleakage and Leakage
Components in the Passage of Radiation Through
Heterogeneities in a Shield, by V. N. Mironov,
N. A. Gur'yeva, 15 pp.
RUSSIAN, per, Voprosy Fiziki Zashchity Reaktorov,
Moscow, No 4, 1969, pp 175-189.
JPRS 51083

Sol-Phys
Aug 70

Passage of Neutrons Through Cylindrical and Plane
Neutron Dots, by D. L. Broder, S. A. Konlovsky,
12 pp.

RUSSIAN, per, Voprosy Fiziki Zashchity Reaktorov,
Moscow, No 4, 1969, pp 193-202.

JPRS 51083

Sol-Phys
Aug 70

Single-Velocity Diffusion of Neutrons in Non-multiplying Two-Dimensional Systems with Cylindrical Symmetry, by L. P. Bass, T. A. Germogenova, 18 pp.

RUSSIAN, per. Voprosy Fiziki Zhizhnity Reaktorov, Moscow, No 4, 1969, pp 203-216., JPRS 51083

Sci-Phys
Aug 70

Application of Multigroup Methods to Calculate
Neutron Flux Distributions in a Heterogeneous
Shield, by D. L. Broder, V. I. Vidanova, 11 pp.
RUSSIAN, per. Voprosy Fiziki Zashchity Reaktorov,
Moscow, No 4, 1969, pp 217-225.
JPRS 51083

Sol-Phys
Aug 70

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PARAMETERS OF A NONIDEAL CESIUM PLASMA
REACHED IN A SHOCK TUBE

LOMAKIN, B.N., FORTOV, V.YE.

UR-VOP. FIZ. NIZKOTEMP. PLAZMY, MATER.

DOKL. SOOBSHCH., VSES. KONF., 1970,

pp 397-399

(3)

*Process in as**HT 72-23 - 1200**Key
16 May 72*

24-02-03

TBZ7

REQ. TR CHECK

INTERACTION OF POROUS ELECTRODE MATERIALS
WITH AN AIR PLASMA FLOW DURING THE BLOWING
THROUGH OF PROTECTIVE GASES

KUKOTA YU P; LAPSHOV YU K

UR: VOP. FIZ. NIZKOTEMP. PLAZMY. MATER.

DOKL. SOOBSHCH., VSES. KONF., 2ND (PUB. 1970)

PP 614-618

*In process as**HT-23-72-467**Negative
9mar72*

Sorokina, N.B.

Water Level Regime And Its Role In The Processes
Of Formation Of The Kama Storage Reservoir.

VOPROSY FORMIROVANIYA VOKOKRANILISHCH I IKH

VLIYANIE NA PRIRODU I KHOZYAISTVO, No. 1,

pp 9-25, 1970

NTC-72-14600-08H

Jan 73

The Electromagnetic Field of a Grounded Electric Dipole and a Straight Cable Above a Horizontally-Layered Medium. I., by A. V. Veshev, Ye. F. Lyubtseva, 38 pp.

RUSSIAN, per, Voprosy Geofiziki, No 18, 1968, pp 89-119.

AIR/PTD/HC-23-337-71

Jan 72

The Field of a Submerged Vertical Electric Dipole
in the Presence of a Covering Layer, by
A. S. Semenov, 15 pp.
RUSSIAN, per, Voprosy Geofiziki, No 18, 1968,
pp 128-139.
AIR/FTD/HC-23-336-71

Nov 71

A Territorial Model of Productive Forces. 16p,
13 refs. by Zeitsev, I.F.
RUSSIAN, per, Voprosy Geografii, No. 77, 1968,
pp 64-83.
KTC-70-20000

Mar 70

404,667

Mathematical method for determining levels
of development of urban places within a
system.

Blashko, N.I.

RUSSIAN, per, Voprosy Geografii, No. 77

1968 pp. 99-114

ETC-70-20001

SOBT 1969 v10 n9 p523-37

304,331

Models of an Optimally Organized Network of
Service Establishments in a Region. 12 p, 2 refs.
by Matlin, I.S.

RUSSIAN, per, Voprosy Geografii, No 77, 1968,
pp 123-35.

KTC-70-20002

Mar 70

404,664

*Zones of Influence of Middle-Size Cities, their
Boundaries and Passenger Flows. 10p, 3 refs.
by Ainvarg, S.
RUSSIAN, per, Voprosy Geografii, No 77, 1968,
pp 148-57.
ETC-70-20003*

THERMOELECTRIC PROPERTIES OF ARSENOPYRITES FROM
SOME KUMSOMULSK AREA TIN ORE D

KORDSTELEV, P G LANGUAGE=RU COUNTRY=UR

VOP GEOL, GEOHIM METALLOGEN SEV-ZAPAD SEKT TI
KHOOKEAN VLADIVOSTOK 1970 239-40

FSTC-HT-23-2355-72

Principal Results of a Statistical Analysis of the
Ice Phenomena on the Amu Dar'ya River.

RUSSIAN, per, Voprosy Gidrology, No 21 (361), 1965,
pp 16-33.

DIA LN 621-71

Aug 71

Z. K. Mogilevchik

Importance of Nonspecific Manifestations of
Pesticide Poisoning in Setting Norms for
Their Residual Quantities.

RUSSIAN, rpt, Voprosy Gigieny i Toksikologii
Pestitsidov, 24-26 Aug 1967, pp 49-51.
MTC 72-13949-00T

Nov 72

HYGIENIC EFFECTS OF THE ACCUMULATION AND C
IRCULATION OF STABLE PESTICIDES

SPYNU E I, LANGUAGE-RU COUNTRY-UR

VOPROSY GIGIENY I TOKSIKOLOGYY PESTITSIDOV, M
EDITSINA MOSCOW 1970 PP212-18

FSTC-HI-23-2316-72

Biological Effect of Microwaves in Occupational
Hygiene, by Z. V. Gordon. 101 pp.
RUSSIAN, bk, Voprosy Gigieny Truda i Biolo-
gicheskogo Deistviya Elektromagnitnykh Polei
Svakhvysokikh Chastot, 1966.
NASA TT-F-633 TT-70-50087
COPYRIGHT

July 71

M. B. Galin

Four-level method for predicting geopotential in the troposphere and lower stratosphere taking radiation and turbulent heat transfer into consideration. 17 pp
RUSSIAN, Voprosy gidrodinamicheskoy teorii klimata i
dolgosrochnogo prognoza pogody, No 12, 1966, pp 21-34
AIR/FTD-MT-24-2156-71

nov 72

On the Development of a Method for Objective
Evaluation of the Structure of the Zones on
Fish Otolithes, by M. V. Mina,
RUSSIAN, per, Vop Ikhtiologiy, Vol IV, No 57,
1965, pp 732-735.

Dept of Interior
Fish and Wildlife Service
Bureau of Commercial Fisheries

Sci-B&M
Jun 67

329,092

Transplantation of Fish and Aquatic Invertebrates
in 1962, by A. F. Karpevich and I. Ye. Lokshina,
25 pp
RUSSIAN, per, Voprosy Ikhtiologii, Vol 5, No 1, 1965,
pp 178-197.
JPRS 29787

UNSR
Sci-B/M
Apr 65

279,223

Reaction of Sex Glands of the Pike *Esox Lucius* L.
to Changes in Ecologic Conditions, by
V. N. Sycheva. 17 pp.
RUSSIAN, per, Voprosy Ikhtiologii, Vol 5, No 2,
1965, pp 296-302.
CFSTI TT-66-61062

Sci/BQM
Apr 67

322,399

Faleeva, T.I. 1965
Analysis of atresia of oocytes in fish in connection with
its adaptive significance (Analiz atrezii ovotaitov u ryb
v svyazi s adaptivnym znacheniem etogo iavleniia)
Voprosy ikhtiologii, 5(3(36): 455-470. In Russian.

Transl. for NLL, 1970, processed. Avail. NLL as RTS 5435.
price 40s. Od.

Original Article Checked. *HR*

Causes of Changes in the Growth Rate of the
Sockeye Salmon (*Oncorhynchus Nerka* Walbaum)
of the Onernaya River, by F. V. Krogins.
RUSSIAN, per, Voprosy Ikhtologii, Vol 5,
No 3(36), 1965, pp 504-517.

Dept of Interior
Fish and Wildlife Service
BIF, Bureau of Foreign Fisheries

Sci-IBM
Oct 67

343,176

The Biological Significance of the Sounds
of Some Fish, by V. R. Protasov, Ye. V.
Romanenko, Yu. D. Podlipalin, 11 pp.
RUSSIAN, per, Voprosy Ikhtiologii, Vol V,
No 3(36), 1965, pp. 532-539.
JPRS 38113

USSR
Sci-B/MS
Nov 66

312,619

The General Characteristics and Phasic Course
of Phenol Intoxication of Crucian Carp in the
Light of the "Stress" Theory, by V. I. Luk'-
yanenko, 10 pp.
RUSSIAN, per, Voprosy Ikhtiologii, Vol V,
No 3(36), pp. 540-547.
JPRS 38113

USSR
Sci-B/MS
Nov 66

312,620

Breeding of White Amur (*Ctenopharyngodon*
Idellus (Val.) and White and Motley Tolstolo-
biks (*Hypophthalmichthys Molitrix* (Val.) and
Aristichthys Mobilis Rich.) in the Basin of
Amu Darya River, by D. S. Al'yev, 16 pp.
RUSSIAN, per, Yevroay Ikhtologii, Vol 5, No
4(37), 1965, pp. 593-599.
JPRS 33851

USSR
Sci-B/M
Jan 66

295,105

Appearance of Changes in Gametogenesis and
in the Sex Cycle of the Pink Salmon *Oncorhy-
neus Gorbuscha* Outside its Natural Range, by
O. F. Sakun,
RUSSIAN, per, Voprosy Ikhtiologii, Vol V,
No 4, 1965, pp 639-651.
CPSTI TT 66-62001

Sci-B&M
May 67

326,952

On the Size of the Commercial Return Among Sturgeons, by A. F. Gun'ko and V. H. Naumov.
RUSSIAN, per, Voprosy Ikhtologii, Vol 5, No 4,
1965, pp 652-656.

Dept of Interior
Fish and Wildlife Service
BCF, Bureau of Foreign Fisheries

USSR
Econ
Nov 67

345,515

Levanitov, V. Ia.

1966

Inactivation of Pacific salmon roe under field conditions
(Optt inkubatsii ikry tikhookeanskikh lososy v polevykh
usloviakh) ^{4p. 71-76}
Voprosy Ikhtologii, 6(158): ~~71-76~~. In Russian.

Transl. by IPJT for NMFS, Nov. 1971. 7p., typescript.

Avail. on loan - NMFS, Wash., D.C.

NTIS TT 70-54031

Original Article Checked.....

The Behavior of Certain Fishes under the Con-
ditions of a Photogradient, by I. I. Girsu
RUSSIAN, per, Voprasy Ikh., Vol 6, No 1(38),
1966, pp 127-139.

Dept of Interior
Fish and Wildlife Service
BEP, Bureau of Foreign Fisheries

Sci-Enl
Oct 67

342,944

Conference on Biological Principles of Use
of Fish Reserves in Reservoirs of Central
Asia and Kazakhstan, by N. Z. Khusainova,
5 pp.
RUSSIAN, per, Voprosy Ikhtiologii, Vol 6,
No 1 (38) 1966, pp. 186-188,
JPRS 35816

USSR
Sci-B/M
Jun 66

303,113

The Five-Year Plan for Development of the
National Economy and Some Problems for Fish-
eries Research,
RUSSIAN, per, Voprosy Ikhtiologii, Vol 6, No 2,
1966, p 39.
Dept of Interior
Fish and Wildlife Service
BCF, Bureau of Foreign Fisheries

UNSER
Recd
Oct 67

342,950

Ecologo-Morphological Characteristics of Early
Stages of Aral Pelecus Cultratus (L.), by M. N.
Gosteyeva and Ye. L. Markova, 16 pp.
RUSSIAN, per, Voprosy Ikhtiologii, Vol 6, No
2 (39), 1966, pp. 237-247.
JPRS 36953

USSR
Sci-ES/A
Sept 66

311,093

Lukina, O.V. 1966
Physiological adaptation of Pacific salmon (Oncorhynchus)
and its living conditions in the Far North (O fiziologicheskoy
adaptatsii tikhookeanskikh lososel (Oncorhynchus) k usloviyam
obitaniya na Kralnem Severe)
Voprosy ikhtiologii, 6(2(39): 366-374. In Russian.

Transl. by IPST for NMPS, Oct. 1970, 12p., typescript.

Avail. on loan - NMPS, Wash., D.C.

NTIS TT 70-54032

Original Article Checked. *HR*

Mukhomedyarov, V.P.

1966

The three spine stickleback (Gasterosteus aculeatus L.)
of Kandalaksha in the White Sea (Trekhniglaya kolyushka
(Gasterosteus aculeatus L.) Kandalakshukogo zaliva
Belogo morya)
Voprosy ikhtiologii, 6(3(40): 454-467. In Russian.

Transl. by Transl. Bur., Egn. Lang. Div., Dept. of Sec. of
State of Canada, for FRAC Biological Station, Nanaimo,
B.C., 1971, as Transl. Series No. 1878, 27p., typescript.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Differentiation of Local Stock of Sockeye
Salmon, *Oncorhynchus Nerka* (Walbaum) by a
Composite Method Based upon Indicator Para-
sites and Peculiarities of the Scale Struc-
ture, by S. M. Konovalov.
RUSSIAN, per, Trudy Ikhtologii, Vol 6, No
4(41), 1966, pp 619-630.
Dept of Interior
Fish and Wildlife Service
BIO, Bureau of Foreign Fisheries

Sci-ENR
Oct 67

343,175

Characteristics of the Behavior and Structure of
males of the Sand Goby, during Spawning and Pro-
tection of Eggs, by Ya. N. Baitryeva.
RUSSIAN, par, Voprosy Ikhtiologii, Vol 6, No 4,
1966, pp 685-695.

Dept of Interior

BCF/OWF

A-37-March 1970-No 39

Cm Loan

Sci-B&M

Rezultaty Pervykh Opytov Proslezhivaniya Puti
Osetrov Nesushchikh Elektronnye Metki, by A. G.
Poddubnyi, Yu. I. Spektor, 10 pp.
RUSSIAN, per, Voprosy Ikhtiologii, Vol 6, No 4
(41), 1966, pp 725-734.
*CFSTI TT 68-50455

Sci-Misc
Apr 68

A. S. Bogdanov

Experimental Transfer of *Salmo gairdneri*
Richardson and *Roccus saxatilis* (Walb.) From
the USA for Acclimatization in Waters of the
USSR.
RUSSIAN, per, Voprosy Ikhtiologii, Vol 7, No 1,
1967, pp 185-187
NTC 72-12546-06C

Sept 72

Chronicle and Information, All-Union Symposium
on the Radiocology of Fish Spasm.
RUSSIAN, per. Vostochny Ikhtolog, Vol 7, No 42,
1967, pp 201-202.
NLL Ref: 9091.9F (Windscale Trans 340)

Sci-B and M
Aug 68

362,052

Role of the Pike-Perch (*Lucioperca lucioperca* L.)
In Biological Malformation of Lake Aral,
by Yu. D. Novokshonov, 10 pp.
RUSSIAN, per, Voprosy Ikhtologii, Moscow,
No. 2, 1967, pp. 247-252.
JPRS 45,411

Sci-Bio. and Med.Sci.
May 68

357,881

Kol'pnev, A.M. 1967
Some features of reproduction of autumn chum Oncorhynchus
keta (Walb.) infrasp. autumnalis Berg and measures for the
improvement of its reproduction (Nekotorye osobennosti
razmnozheniya osenney kety Oncorhynchus keta (Walb.)
infrasp. autumnalis Berg i mery po uluchsheniyu ee
vosproizvodstva)
Voprosy ikhtiologii, 7(2(43): 269-276. In Russian.

Transl. by IPST for NMFS, Oct. 1970, 11p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked. *UK*

Mironov, G.A.

1967

The effect of small concentrations of oil and oil products
on developing eggs of the Black Sea turbot (Deistvie mal'kh,
kontsentratsii nefti i nefteproduktov na razvivayushchuyusya
ikru Chernomorskoy kambaly-kalkana)
Voprosy ikhtiologii, 7(3(44)): 577-580. In Russian.

Transl. by IPST for NMFS, June 1972, 5p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

The Biological Bases of Fisheries in the Water
Basins of Central Asia and Kazakhstan, by I. E.
Iokshina.

RUSSIAN, per, Voprosy Ikhtologii, Vol 7, No 3,
1967, p 501.

Dept of Interior

Bureau of Commercial Fisheries

Branch of Foreign Fisheries

Sch. B and M

Jan 68

948.504

Fish Culture in the USSR for 50 Years, by N. I. Kozhin,

RUSSIAN, per, Voprosy Ichtiologii, Vol 7, No 5 (46), 1967, pp 793-800.

*Dept of Interior

Fish and Wildlife Service

BCF, Bureau of Foreign Fisheries

Sci-B&M

Dec 67

Studies of Feeding and Food Relations of Fishes
in the USSR for 50 Years, by Ye. V. Borutskiy.
15 pp.

RUSSIAN, per, Voprosy Ikhtiologii, Vol 7, No 5
(46), 1967, pp 801-815.

*CRSTI TT 69-59017

sci/b and m
may 69

Working Out of Problem of Fish Populations
Dynamics in the USSR for 50 Years, by G. V.
Nikolsky.

RUSSIAN, per, Voprosy Ichtiologii, Vol 7,
No 5(46), 1967, pp 847-854.

*Dept of Interior
Fish and Wildlife Service
ECF, Bureau of Foreign Fisheries

USSR
Econ
Dec 67

Development of Investigations in Water-
Organism Acclimatization in the USSR, by A.
F. Karpovich.

RUSSIAN, per, Voprosy Ichtiologii, Vol 7,
No 5(46), 1967, pp 926-943.

*Dept of Interior
Fish and Wildlife Service
ECF, Bureau of Foreign Fisheries

USSR
Reom
Dec 67

Development of Science in Pond Fishery, by F.

G. Martyshev.

RUSSIAN, per, Voprosy Ichtiologii, Vol 7,
No 5(46), 1967, pp 944-955.

*Dept of Interior

Fish and Wildlife Service

ECF, Bureau of Foreign Fisheries

USSR

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is included)

Russ

On the Biological Melioration of Pikeperch
(*Lucioperca lucioperca* L.) in the Aral Sea,
by Yu. D. Novokashonov.

RUSSIAN, per, Voprosy Ikhtiologii, Vol 8,
No 2(49), 1968, p 247.

*Dept of Interior

Bureau of Commercial Fisheries
Branch of Foreign Fisheries

Scl/BAM
June 68

Reproduction and Development of Silver Hake, by
V. I. Saushan, V. P. Serebryakov, 31 pp.
RUSSIAN, per, Voprosy Ikhtiologii, Vol 8, No 3 (50),
1968, pp 500-521.
JPRS 46,342

Sci/BAM
Sept 68

366,540

The New Species of Eelpouts of the Genus
Ipsenchelys Gill (Pisces, Zoaridae) from
Bathypelagic Depths in the Scotia Sea, by
A. P. Andriyashev, Yu. Ye. Perminin.
RUSSIAN, par, Voprosy Ikhtiologii, Vol 8,
No 4(51), 1968, pp 611-618.

Dept of Inter

BCF/OFF

A-33/Nov 69/36

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Sci-BM
Jan 70

400,350

New Data on the Systematics of Gobies of the
Ponticola Eljin Group in Relation to Variation
Within Species and Species Formation, by
V. I. Pinchuk.

RUSSIAN, per, Voprosy Ikhtiologii, Vol 8,
No 4(51), 1968, pp 619-627.

Dept. of Inter

BCF/OTF

A-33/Nov 69/101

On Loan Only

Sci-B&M

100 282

Systematics and Nomenclature of Gudgeons of
the Subfamily Gobioninae in the Amur Basin,
by P. Banarescu, T. Halbant.

RUSSIAN, per, Voprosy Ikhtiologii, Vol 8,
No 4(51), 1968, pp 628-636.

Dept of Inter

BCF/OWF

A-33/Nov 69/100

On Loan Only

Sci-DM

Jan 70

400,381

The Many Gill-raker Sig (Whitefish) of Lake
Oxon in the Vitim River Basin, by
Yu. Ye. Kalashnikov.

RUSSIAN, per, Voprosy Ikhtiologii, Vol 8,
No 4(51), 1968, pp 637-645.

Dept of Inter

RGF/CWT

A-33/Nov 69/42

On loan Only

Jan 70
Sci-B&M

400,353

Comparative Examination of the Fertilities of
Vimba and Chalcalburnus, Acclimatized in the
Sengileyev Reservoir, District of Stavropol,
by L. P. Astanin, L. I. Samanava.

RUSSIAN, per, Voprosy Ikhtologii, Vol 8,
No 4(51), 1968, pp 646-652.

Dept of Inter

BCF/OFF

A-33/Nov 69/89

On Loan Only

Sci-B&M

Jan 70

400,373

Dimensions, Biochemical Characteristics and
Caloric Values of Mature Eggs of Members of
the Genera Oncorhynchus and Salmo, by
A. I. Shironov, M. S. Kamyshnaya.
RUSSIAN, per, Voprosy Ikhtologii, Vol 8,
No 4(51), 1968, pp 653-661.

Dept. of Inter

BCF/CFF

A-33/Nov 69/95

On Loan Only

Sci-BAM

Jan 70

400,379

Reproduction of the Sablefish, by L. S. Kodolev.
RUSSIAN, per, Voprosy Ikhtiologii, Vol 8,
No 4(51), 1968, pp 662-668.

Dept of Inter
MCT/OWP

A-33/Nov 69/93

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Sci-B&M
Jan 70

400,377

Survival of Herring Eggs and Larvae on the
White Sea Spawning Grounds During a Period
of Massive Spawning , by L. A. Galkina.
RUSSIAN, per, Voprosy Ikhtologii, Vol 8,
No 4(51), 1968, pp 679-688.

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400,356

Accumulation of Strontium-90 and Yttrium-90
Dissolved in the Water and Its Effect on the
Embryonic Development of Loach, by
I. A. Shakhanova, V. L. Pechkurenkov.

RUSSIAN, per, Voprosy Ikhtiologii, Vol 8,
No 4(51), 1968, pp 689-701.

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A-33/Nov 69/92

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Jan 70

400,376

Comparative Study of the Growth and Feeding
Habits of the Anchovy in the Atlantic Ocean
and Mediterranean Basin, by N. Ya. Lipskaya.
RUSSIAN, per, Voprosy Ichtiology, Vol 8,
No 4 (51), 1968, pp 702-709.

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Jan 70

400,338

Structure of the Digestive Tract in Distichodus
niloticus (L.) and Distichodus rostratus (Gunth.)
in Relation to the Nature of Food, by

I. A. Verigina, Yu. I. Medani.

RUSSIAN, per, Voprosy Ikhtologii, Vol 8,
No 4(51), 1968, pp 710-721.

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400,345

Dynamics of Weight, Nutritional State and Body
Length of Tilapia mossambica Peter Reared on
Granular, Chlorella-containing Feed, by
L. M. Antsyabkina, N. S. Kirilenko.

RUSSIAN, per, Voprosy Ikhtologii, Vol 8,
No 4(51), 1968, pp 722-727.

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Sci-B&M
7-77

100-058250

Distribution and Migration in the Ocean of a Local
Stock of Sockeye Salmon, by I. B. Birman,
S. M. Konovalov, 12 pp.
RUSSIAN, per, Voprosy Ikhtologii, Vol 8, No 4(51),
1968, pp 728-736.
Dept of Interior
BCF/OPP
A-36-Feb 1970-No 112
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Sci/B&M
May 70

Blood Serum Proteins of Pike-perch Populations
of the Don and Kuban Rivers, by N. N. Litvinova.
RUSSIAN, per, Voprosy Ichtiologii, Vol 8,
No 4(51), 1968, pp 731-741.
Dept of Inter
BCF/CFF
A-33/Mov 69/24
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Sci-DM
Jan 70

400,343

The European Eel in Azerbaïdzhan Waters, by
Yu. I. Abdurakhmanov, Z. M. Kuliyev.
RUSSIAN, per, Voprosy Ikhtologii, Vol 8,
No 4(51), 1968, pp 742-745.

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BCF/OFF
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Sci-B&M
Jan 70

400,351

New Observations on the Distribution of
Electrona rissoi (Coco) and Disphus Ostenfeldi
Taning (Myctophidae), by I. A. Trunov.

RUSSIAN, per, Voprosy Ikhtologii, Vol 8,
No 4(51), 1968, pp 745-748.

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Sci-BM

Jan 70

400,359

Penetration of the Kuban Pike-Perch into the
Eastern Part of the Black Sea and the Caucasian
Shores, by Ye. N. Drapkin.

RUSSIAN, per, Voprosy Ikhtiologii, Vol 8, No 4,
1968, pp 749-751.

Dept of Interior

BCF/OFF

A-36-Feb 1970-No 96

On Loan

Sci/R&M

May 70

Features of Ovogenesis in the Pike-perch and
Bream of the River Danube, by A. M. Kukuradze.
RUSSIAN, per, Voprosy Ikhtiologii, Vol 8,
No 4(51), 1968, pp 751-756.

Dept. of Inter

RCF/OTF

A-33/Nov 69/43

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Sci-DM

Jan 70

3
400,254

Sphincter-like Mechanisms in Intrarenal Veins
in Some Fishes, by Kh. G. Valeyeva.

RUSSIAN, per, Voprosy Ikhtiologii, Vol 8,
No 4(51), 1969, pp 756-760.

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DCF/OFF

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Sci-B&M

Jan 70

400,344

Effects of Effluents from Metallurgical and
Metal-working Industries on the Food of
Fishes in Rivers and Reservoirs, by

A. K. Dyga, V. I. Zolotareva.

RUSSIAN, per, Voprosy Ichtiologii, Vol 8,
No 4(51), 1968, pp 761-764.

Dept. of Inter

BCF/OWF

A-33/Nov 69/118

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Sci-Mech

Jan 70

400,388

Modern Commercial Fishing as Exemplified by the
Japanese Industry, by Yu. Yu. Marti.
RUSSIAN, per, Voprosy Ikhtiologii, Vol 8,
No 4(51), 1968, pp 765-770.

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BCF/OFF
A-33/Nov 69/55
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Far East
Room
Jan 70

400,358

Plenary Meeting of Scientific Council on Hydro-
biology, Ichthyology and Utilization of Bio-
logical Resources of Bodies of Water, by
B. G. Iogansen.

RUSSIAN, per, Voprosy Ikhtology, Vol 8,
No 4(51), 1968, pp 772-774.

Dept of Inter

BCF/OWF

A-33/Nov 69/114

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Sci-B&M
Jan 70

100 207

Tagging of Blackcod, by N. P. Novikov
RUSSIAN, per, Voprosy Ikhtiologii, Vol 8,
No. 5(52), 1968, pp 955-957.
*CPBTI TT 69-59001

Sci-NAV
Feb 69

The Age Variability and Range of a Rare Oceanic
Fish *Eumecichthys Piski*, by N. V. Parin,
G. N. Pokhil'skaya,
RUSSIAN, per, Voprosy Ikhtiologiy, Vol 8, No 6(53),
1968, pp 808-812.
Dept of Interior
Bureau of Commercial Fisheries
Office of Foreign Fisheries
A-34-Dec 1969-No 21
On Loan

Sci/D&M
Mar 70

404,758

Calculation of the Proportion of Local Stock in the
Total Stock of Sockeye Salmon, by P. V. Krogus.
RUSSIAN, per, Voprosy Ikhtiologii, Vol 8, No 6(53),
1968, pp 979-984.

Dept of Interior

Bureau of Commercial Fisheries

Office of Foreign Fisheries

A-34-Dec 1969-No 96

On Loan

Sci/B&M

404,809

Mar 70

Counts of Flying Fishes in the Eastern Indian Ocean,
by V. P. Shumtov.
RUSSIAN, per, Voprosy Ikhtiologiy, Vol 8, No 6(55),
1968, pp 985-991.
Dept of Interior
Bureau of Commercial Fisheries
Office of Foreign Fisheries
A-34-Dec 1969, No 55
On Doan

Spawning of the Alaska Pollock, by I. I. Serobaba,
RUSSIAN, per, Voprosy Ikhtiologii, Vol 8, No 6(53),
1968, pp 992-1003.

Dept of Interior

Bureau of Commercial Fisheries

Office of Foreign Fisheries

A-34-Dec 1969-No 87

On Loan

XCFSTI TT 69-59002

Sci/B&M

Mar 70

404,793

The Quality of White Sea Navage eggs in Relation to
the Numbers of Progency, by A. M. Anukhina.
RUSSIAN, per, Voprosy Ikhtiologii, Vol 8, No 6(53),
1968, pp 1004-1008.

Dept of Interior
Bureau of Commercial Fisheries
Office of Foreign Fisheries
A-34-Dec 1969-No 33
On Loan

Sci/B&M
Mar 70

404,769

Resorption of the Sexual Products in Fishes as a
Stimulus to Biological Modification, by
D. A. Kozlovskiy.
RUSSIAN, per, Voprosy Ikhtiologii, Vol 8, No 6(58),
1968, pp 1009-1014.
Dept of Interior
Bureau of Commercial Fisheries
Office of Foreign Fisheries
A-34-Dec 1969-No 10
On Loan

Sci/B&M
Mar 70

404,749

Fish Growth in Relation to Features of the Food
Resources in the Lakes of the South Sakhalin Region,
by O. A. Kliuchareva, A. A. Svotovidova.
RUSSIAN, per, Voprosy Ikhtiologiy, Vol 8, No 6(53),
1968, pp 1022-1033.

Dept of Interior
Bureau of Commercial Fisheries
Office of Foreign Fisheries
A-34-Dec 1969-No 37
On Loan

Sci/B&M

Growth of the Main Fish Species of Lake Glubokoye,
by I. P. Shamardina.

RUSSIAN, per, Voprosy Ikhtiologii, Vol 3, No 6(53),
1968, pp 1041-1047.

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Bureau of Commercial Fisheries

Office of Foreign Fisheries

A-34-Dec 1969-No 93

On Loan

Sci/B&M

Mar 70

404,796

On the Use in Fisheries of the Defensive Con-
ditioned Reflex in Young Chum Salmon, by
Yukitaka Kanayama. 5 pp.

RUSSIAN, per, Voprosy Ikhtiologii, Vol 8,
No 6, 1968, pp 1048-1051.

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Bureau of Commercial Fisheries

Office of Foreign Fisheries

A-29-June 1969-No 150

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Sci-BAM
Nov 69

396,826

Formation of Defensive Reflexes in Roach Larvae
Through Imitation, by T. S. Loshcheva.
RUSSIAN, per, Voprosy Ikhtiologii, Vol 8, No 6(53),
1968, pp 1052-1056.

Dept of Interior
Bureau of Commercial Fisheries
Office of Foreign Fisheries
A-34-Dec 1969-No 5
On Loan

Sci/B&M
Mar 70

404,344

The Maneuverability of Aquatic Animals, by G. V. Zuev,
A. F. Rudriushov.

RUSSIAN, per, Voprosy Ikhtiologii, Vol 8, No 6(53),
1968, pp 1057-1062.

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